

Job Name/Location:

Tag #:

Date:

For: ☐ File ☐ Resubmit

PO No.:

☐ Approval ☐ Other _____

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

PREMTB100

LG Standard III Wired Remote Controller



Electrical:

| | |
|--------------|--------------------------|
| Power Supply | Powered from indoor unit |
|--------------|--------------------------|

Surrounding Conditions:

| | |
|-----------------------|------------------------|
| Operating Temperature | 32-104 °F |
| Storage Temperature | -4-140 °F |
| Humidity | 0-90% (non-condensing) |

Unit Data:

| | |
|---|------------------------------|
| Dimensions | 4-3/4" W x 4-3/4" H x 5/8" D |
| Maximum Number of Indoor Units (per controller) | 16 |
| Maximum Number of Controllers (per group) | 2 |

Standard Features:

- 4.3" Color Display
- Time Display
- Touch Button
- Operation on/off status LED

Basic Functions:

- Room temperature & Humidity sensing and display
- Operation - On/Off
- Mode - Auto/Cool/Dry/Heat/Fan Only
- Ventilation mode (for ventilator unit)
- Occupied cooling and heating temperature setpoint
- Unoccupied cooling and heating setback temperature setpoint
- Fan speed - Auto/Low/Med/High
- Discharge vanes - Auto/Swing/Fixed
- Controller lock function
- Static pressure installer setting
- Error code display during unit or system malfunction
- Auto restart on power failure
- Manual central control addressing

Advanced Functions:

- Time of day scheduling, 5 events per day with control of occ/unocc, on/off, mode, setpoints, and fan speed
- Two setpoint autochangeover (For heat recovery system)
- Minimum difference between setpoints (0-10°) adjustable deadband
- Home leave function for temporary unoccupied status
- Sub function setting
- Comfort level display
- External equipment control via 1 Digital Output
- Filter sign check and initialization
- Time Limit Control (30min ~ 540min, 30 min unit)
- Check Energy Target & Usage display
- AP mode setting for LG Wi-Fi Modem installation

Optional Accessories (sold separately):

- ☐ PZCWRC1 - 33-foot Extension Cable Assembly
- ☐ PZCWRCG3 - Group Control Cable Kit
- ☐ PQWRHQOFDB - Wireless Remote Controller

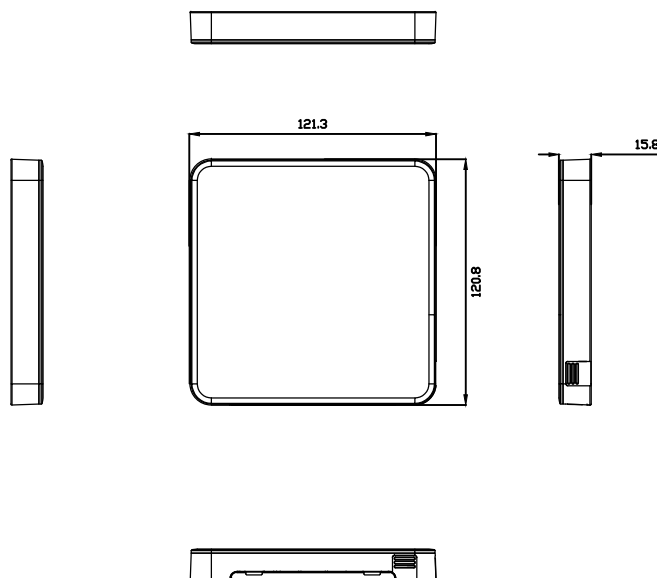
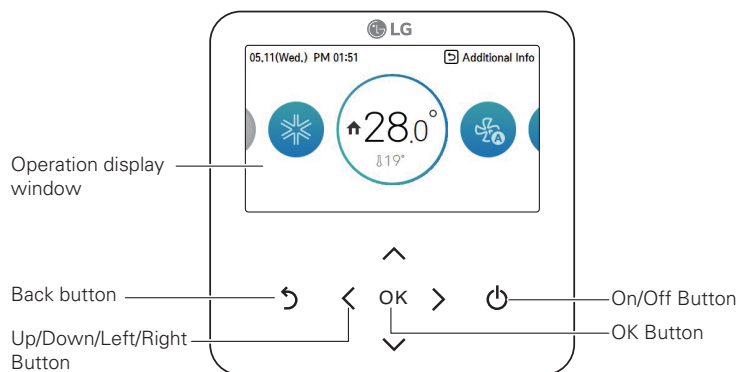
Connectivity:

LG Communications 3-Wire (Red : 12V, Yellow : Signal, Black : GND)

Communications Cabling Specifications (V-Net):

| | |
|--------|----------|
| Type | Included |
| Size | AWG 24-3 |
| Length | 33 ft |

AWG - American Wire Gauge



Notes:

Available Functions/features may differ depending on connected system.
Communication cable can be extended to a maximum of 164 feet, between controller and indoor unit, by using the Wired Remote Group Control Cable Assembly (PZCWRCG3) or Wired Remote Extension Cable (PZWRC1), maximum of 4.
Must follow installation instructions in the applicable LG installation manual.
Centralized controller (AC Smart/ACP series) and PDI (premium/standard) are required for energy target display function